

In the claims:

1. (Currently amended) A catalyst for oxidizing a reformed gas for removing carbon monoxide contained in the reformed gas, comprising

a zeolite-containing carrier and a platinum alloy carried thereon,

wherein the zeolite containing carrier is mordenite, and

wherein the platinum alloy consists essentially of the amount of the alloy platinum and 20-50 at.% of a second metal other than platinum contained in the platinum alloy is 20-50 at.%, wherein the second metal is at least one member selected from the group consisting of ruthenium, iron, rhodium, cobalt, molybdenum, nickel and manganese.

2. (canceled)

3. (New) The catalyst of claim 2, wherein said alloy metal other than platinum is ruthenium.

4. (New) The catalyst of claim 2, wherein said alloy metal other than platinum is iron.

5. (New) The catalyst of claim 1, wherein said mordenite has a mean pore size of about 7 Å.

6. (New) The catalyst of claim 1, wherein said reformed gas is hydrogen gas.

7. (New) The catalyst of claim 1, wherein said amount of alloy metal other than platinum contained in the platinum alloy is 30-40 at.%

8. (New) The catalyst of claim 1, wherein said catalyst is adapted to convert at least

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60% carbon monoxide.

9. (New) A method of removing carbon monoxide from reformed gas comprising selectively oxidizing carbon monoxide by contacting the reformed gas with a catalyst according to claim 1.